

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: ROYGREGSON@aol.com  
Subject: [4393] 160 meter verticals  
Message-ID: <961114033016\_1949552297@emout20.mail.aol.com>

Many years ago I had my own Marine Electronics Sales and Service business in Newport Beach Ca. Back in the good old days, before SSB, ship-shore, and ship to ship communications was handled on the 2 to 3 mhz band. One of the best non-commercial antennas was single conductor house wire wound on a long (about 20') bamboo pole. A BC610 surplus tuning coil was mounted at the top of the antenna, and a capacity hat about 18" in diameter with cutouts to make it resemble a wheel. Actually the cutouts were to cut down on the wind resistance. Anyway, as things progressed, a company named "Webster" started manufacturing a comercial version of a 2 to 3 mhz antenna. As I recall, it had about a 15' anodized tube base with a phenolic tube turned with threads for aluminum wire. There was a heavy brass fitting at the top for a whip that was about 15' long. the top 6" of the whip was bare wire for trimming to freq if required. These antennas were resonant at about 2.800mhz as I recall, and the transmitter was connected by a single wire. For a ground system we tied in any heavy metal things like tanks engine and any though hull fittings. Even added a copper ground plate to the outside of the hull if we could. These radios were talkers considering how crude they were by todays standards. I remember tuning one on 2182, the calling distress frequency and was called by coast guard Honolulu. It was high noon in Ca. at the time. Anyway, this is leading up to the SLV mods made by many and the one about the wire wrapped on the PVC sounded good. I would like to suggest that why not try ordinary house wiring, leave on the insulation for spacing, and strip a vertical path for shorting connections. If this was mounted on something to get the coil up a ways, attach the black widow for a whip, put out the ground plane wires. Tune for lowest SWR, and your in business. ( I think) The impedance mentioned of 38 ohms rings a bell. So a simple matching system would get the SWR to zero. I'd try it here, but don't have the space or equipment. The number of turns will have to be figured out, and if an additional piece of PVC was split and forced over another one, the split would give a way to make the connections. I bet all this is as clear as mud ! Anyway just an idea.  
Roy

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "Bob Follett" <bfollett@ditell.com>  
Subject: [4446] 40 9er Hunting  
Message-ID: <199611150358.UAA05628@orion.ditell.com>

Gang:

The very unusal happened an hour ago. Both Chuck, K5F0, and Ron, KU7Y promised they would listen for my 40 9er peanut whistle tonite. I called CQ49, and Chuck answered, followed immediately by a call from Ron.

Now whats the odds of that happening? Great hunters, these pros.

I found that I needed to run the 40 9er w/o an audio filter to get as much receive bandwidth as possible to compensate for a variable xmit offset. Chuck was in the middle of my receive range, and Ron was fairly low, I'd guess about 250Hz audio.

I also got to exercise my new key, a V2L, my present to myself for upgrading to Extra. Boy is that thing smoooooth!

Also nice to hear 40M fully open tonite. I tried to work a KH6 with the 40 9er, but no luck. The down side of the band open is hearing so many signals. Nothing like getting a two-for-one deal with a DC receiver!

Thanks Chuck and Ron, you both really made the 40 9er week worthwhile!

73, Bob

PS: Also I later worked AE4IC, Bob, our contest director, but neither of us used a 40 9er :-(

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Bob Follett AB7ST, QRP-L # 129, NorCal, ARCI, 10-10, ARS  
2861 Estates Dr. VOICE: 801.649.6457  
Park City, UT 84060 E-mail: bfollett@ditell.com

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Bob Kellogg <ae4ic@nr.infi.net>  
Subject: [4434] 40-9er Rules Clarification  
Message-ID: <199611142347.SAA14461@mh004.infi.net>

Hi Gang,

Some more rules clarification. 40-9er to QRO contacts are worth 4 points. Also, remember, you can work all five nights, and count your best 3 for the 6 hour contest. You can't break the two hour periods into smaller chunks, though.

CUL,  
Bob Kellogg, AE4IC  
Prolably, but not nececelery. - Benny Hill

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [4445] 40-9ers vs. the Fox  
Message-ID: <199611150356.DAA27653@chuck.dallas.sgi.com>

Gang,

I think the law of large numbers is at work here.

Managed to snag two 40-9ers, one in UT and the other in CA tonight. Both gave me power levels of 1W. Not sure if they are doing what I do at 0.95W to shorten the QSO and eliminate repeats as giving someone 0R95, which I did tonight and got asked was that 95mW? That's a zero in front of the R. Short form for 0.95 as R is much easier to send than a period.

I didn't mention this before but during SS I spent about 2 minutes the first time I tried to work Bob, N4BP. I called him and he continue to send CQ SS. OK, so I figure his bandpass is narrow and I am slightly out of it. Moved over 150Hz and called him again. Still no answer and he called CQ again with no takers. I did this up and down and never got him to come back. Next time I heard him I got him first call so I figure he had RIT cranked in and forgot about it.

Tonight I tried the same trick on W8KC (and we know who he is). Didn't work again. Sometimes you lose and sometimes you win. Got get him, the famous paperback novel writer.

Oh, and he does limericks also.

OK, 0353UTC 7.027 KH6AFS is on again. Told you so.  
Been there done that.

Looks like with all the 40-9er activity this week that QRPp is alive and well. Thanks Bob for doing this.

dit dit

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50  
EMPS QSOs=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: PDouglas12@aol.com  
Subject: [4406] 75m QRP SSB  
Message-ID: <961114094646\_1384457916@emout16.mail.aol.com>

Hi Gang,

Well, I have had a couple of folks suggest we QRP-Lers try to meet up on some freq in the general portion of 75m for QRP SSB. I was hoping to check into the NE QRP monday night net last week, but didn't hear it on. I would think that that net would be an ideal starting place for us to meet up, and it would bolster the check in numbers for that net too. Any info on when/where/ and if that net still meets?

72,  
Preston WJ2V

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "Bob Tellefsen-CNSE97" <Bob\_Tellefsen-CNSE97@email.mot.com>  
Subject: [4432] Bail outs  
Message-ID: <M1149129.003.vvqa3.1.961114232523Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Stew Whitehouse wrote: "Both bailed out when I told them I was running

150mw."

Stew, try mumbling the m in milliwatt. Let them think you're running 150 ..w.  
Good joke on them.  
72, Bob N6WG

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Marshall Emm <75230.1405@compuserve.com>  
Subject: [4419] CW Operating Speed  
Message-ID: <961114174459\_75230.1405\_HHB51-1@CompuServe.COM>

Feedback from Luke:

I said:

>>That said, in a perfect world a guy who runs 10wpm on his best day  
>>should not under ordinary circumstances call a guy who is calling CQ at  
>>25WPM, even if he has heard the call 10 times and figured it out. If  
>>circumstances are extraordinary (say it's the last state you need for

>>WAS QRP) then go for it, but keep it short and it probably won't hurt to  
>>say something like "SRI SO SLW BUT NEED RI FOR WAS HI."

Luke said:

> Yes, and No. If I here a person (man or women, you don't know),  
>calling CQ over and over at 25 WPM, at no one answers, esp if its DX,  
>I will call them at a slower speed (15 WPM for me). Now, I usually  
>just exchange the name, call, RST, QTH and leave it at that. In  
>other words, he can get an idea of propogation, etc.

I think I see why you said "yes and no," but would like to clarify. Your 15wpm response to a 25wpm op is worlds different from the 10wpm I used as an example. 10WPM is barely even Morse [g]. 15 is equal to or better than most of the licensing standards, and I think most operators will slow down to 15 without thinking too much about it, so long as the slower up does his best to keep it short and efficient.

It's all relative, subject to circumstances, and there will be lots of exceptions (is there any other way I can qualify this? [g]), but a reasonable rule of thumb is that you're probably (there, another qualification!) ok if you can work at 2/3 of the other guy's speed or better.

Funny how nobody cares how fast you can talk on SSB [g].

73

Marshall

AA0XI/VK5FN

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "Michael A. Gipe" <mgipe@reliablemeters.com>  
Subject: [4433] CW survey  
Message-ID: <199611150036.SAA18008@multi13.netcomi.com>

Whatever happened to the CW survey that someone floated a few months ago?  
I don't recall ever seeing a summary.

Mike K1MG

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: ROYGREGSON@aol.com  
Subject: [4394] EMTECH WEB PAGE !  
Message-ID: <961114035631\_2080808562@emout20.mail.aol.com>

Hi Gang

Well the cats out of the bag, I have a web page thanks to a very good friend KC7MAU Thom McGinty. As web pages go, it is still in construction, and will probably always be in the process of updating. The address is <http://www.isomedia.com/homes/starbuck/emtech.htm>

I'd like to link to other QRP web sites, but I leave that to Thom, he is at [starbuck@isomedia.com](mailto:starbuck@isomedia.com)

Please let me know how it looks to you all. Enjoy

72's/73's Roy

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996

From: launerb@crl.com (William H. Launer)

Subject: [4442] End-Fed Antenna

Message-ID: <v01530503aeb1956b3d20@[192.0.2.1]>

QRP-L Gang,

There has been some discussion about "end-fed" wires, recently. Here is what I've been using: The antenna consists of 100 feet of insulated 20 gauge hookup wire. It goes out the basement window up about 10 feet to the corner of the house, then slopes up to a tree in the backyard about 40 feet above the ground.

My shack is in the end of the basement, and my tuner is near a window, so I have minimal wire in the shack. The tuner is a homebrew L-C unit (C between antenna and ground, and L in series with the antenna).

I always thought that a ground stake was adequate, but this time, I added a 100 foot counterpoise stapled to the ground in addition to the stake. It's made a believer out of me! The antenna loads better and more consistently. I may add another counterpoise wire or two to see if it makes any difference.

Since 100 feet is  $\frac{3}{8}$  wave for 80 meters and  $\frac{3}{4}$  wave on 40 meters, it loads well on both bands. Last night, I worked the fox, N2NF, and copied the WA3NNA 200 mw beacon. I could hear it at the 20 mw level, but qrm prevented me from copying the code word. I am able to consistently check in to the KnightLites Net on 80 meters with 5 watts on Sunday night.

The antenna is virtually invisible, so it's ideal for those of us with antenna restrictions. Try it, you might like it.

72/73 Bill wb0cld

Bill Launer  
St. Charles, MO  
launerb@crl.com  
wb0cld@wb0cld.ampr.org [44.46.66.25]  
qrp-1 #279            qrp arc1 #3551  
Grid Square EM48RT

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "Bob Tellefsen-CNSE97" <Bob\_Tellefsen-CNSE97@email.mot.com>  
Subject: [4388] FOX Report K2NF  
Message-ID: <M1147594.001.uk5b0.1.961114061734Z.CC-MAIL\*/OU=LMPCC10/OU=ILBE/  
PRMD=MOT/ADMD=MOT/C=US/@MHS>

It is written that all things come to he who waits (if he waits long enough in the right place).

Sure enough, this self-confident ole fox comes paradin' into our neighborhood this evenin', and you should have heard old Kenwood start talkin' at him. He was a barkin' K2NF at the top of his ole 5 watt lungs, and raisin' a terrible ruckus. Had him tied to my antenna pole, and thought sure he'd pull it right out of the ground. Then, darned if that ole fox didn't sass right back at him. Sorta surprised ole Kenwood. Don't think he really expected ole Brer Fox to take him seriously. That ole fox was a yippin' away like he didn't have a care in the world. Next thing I knowed, ole Kenwood had argued a full report right out of that ole boy, right down to his number.

Boy, dunno about that ole fox. He sure was full of hisself. Last I heard he was still stirrin' up the hounds down the way when ole Kenwood and me shut down fer the night. Sure hope the other hounds got a good piece of him, too. He was a lively one.

Well done, Norm.

72 to all,  
Bob N6WG

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: k2nf@juno.com (Norman E Fink)  
Subject: [4428] FOX RESULTS - K2NF - 11/14/96  
Message-ID: <19961114.153846.4903.1.k2nf@juno.com>

Thanks for another interesting evening. I didn't get started until 0130 UTC but was able to work a full two hour period. I looked for a frequency just up from 7035 but there were no clear spots. 7035 sounded pretty good so after a few QRL's I put out my first CQ. The response sounded like a bee's nest that had been poked with a stick. Sounded like everyone was just waiting to pounce!

Things went pretty well until the packet traffic in the background started to build up. It wasn't causing me a problem until I worked thru most of the stronger stations. Then it got to the point where the packet QRM was about the same level as the foxhunters. At about 0310 UTC I decided to try a different frequency, which turned out to be a mistake. I moved up to 7036.5 and called CQ for about 10 minutes until W8EO called me. Don't think he was part of the FOX Hunt but he did give me the necessary info. I called CQ a few more times and then went back to 7035, where I made my last two and one-half contacts.

Conditions were fairly good with lots of activity to my west. I did manage to work some New England stations and a few other east coast stations. I was surprised to work N4SO (AL) and NR4N (GA) at a time I thought the skip would have been too long. I'm curious about what type of antennas those two stations are using.

Well, Here's the list. Hope I got everything correct.

TIME	STATION	RST SENT	RST RCVD	STATE	NAME	QRP-L NUMBER
0132	K10J	569	559	TX	OJ	732
0134	W5HNS	559	569	TX	Henry	178
0136	AA2WJ	559	559	TX	Dick	5 Watts
0138	KT3A	569	539	PA	Cam	7
0140	K5RV	569	559	LA	Brian	324
0141	N6XU	559	569	CA	Stan	6



0143	NQ7K	569	559	AZ	Floyd	343
0145	AA2PF	569	559	NY	Dave	306
0146	WB0CLD	559	559	MO	Bill	279
0147	N2PVK	559	559	NY	Mark	315
0149	W6ZH	569	569	CA	Pete	257
0150	N5ET	569	599	TX	Bob	123
0152	KE5FT	569	599	TX	Linda	5 Watts
0154	KK5RO	569	559	OK	Vernon	325
0155	N5LU	559	559	OK	Bill	5 Watts
0157	W5FN	559	569	TX	Tim	586
0158	KJ5SP	569	519	OK	Mel	10 Watts
0203	WA8CDU	559	559	MI	Bill	412
0204	AB5UA	569	339	OK	Clif	478
0206	AA0XI	559	339	CO	Marshall	153
0208	WA1QVM	559	569	MA	Joel	337
0210	AA1MY	559	559	CT	Sean	574
0215	AB7ST	559	559	UT	Bob	129
0217	AC5II	569	559	OK	Don	264
0219	KU7Y	559	559	NV	Ron	17
0220	N4SO	579	339	AL	Ken	622
0221	KB9IUA	559	559	IL	Kevin	384
0223	W1HUE	559	539	RI	Larry	228
0227	K1MG	559	559	CA	Mike	614
0230	WA6NAE	559	559	CA	Dwight	5 Watts
0231	K5ON	559	569	NM	Gary	770
0233	K06KA	559	559	CA	Rob	176
0235	NR4N	559	459	GA	Tom	110
0238	K5JHP	559	349	TX	Bill	599
0243	KK6MC	559	559	NM	Jim	411
0245	KA1AXY	559	549	MA	Peter	260
0247	VE7SL	559				
0250	NR3E	559	339	TX	Dave	4 Watts
0253	W00Q	449	549	CO	Marty	793
0256	N1RXT	559	549	MA	Chuck	217
0257	K6VNX	449	559	CA	Arlen	4 Watts
0301	NI0A	559	579	MN	John	689
0302	AB5OU	449	339	NM	Tim	73
0303	N1QQV	559	339	CT	Ken	400
0307	N6WG	459	339	CA	Bob	27
0319	W8EO	569	569	MI	Ed	100 W
0326	K5UP	449	459	OK	Glen	21
0328	N6IZV	449				
0330	N2TNN	449	339	NJ	Dean	560

Now, for some station comments;

N5ET/KE5TF - One named Bob and the other named Linda.

Both on the same frequency with the same  
signal strength. Hmmm....

VE7SL - I heard you call me. Your signal sounded a  
bit unstable, like you might be ready to jump  
frequency. When I turned it back you were gone.

N6IZV - I had pretty good copy on your signal but  
didn't hear you come back when I turned it over  
to you. Tried calling several times...

My thanks again for everyone's efforts to keep the  
frequency QRM-free. It made it much easier for me to  
complete many of the marginal contacts. Also,  
thanks to all who had the extra patience needed to  
give me numerous repeats. You were all great to work  
with.

I enjoyed being the FOX. Thanks to everyone.

Norm, K2NF

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Joe Gervais <vole@primenet.com>  
Subject: [4390] FOX: A Wall of Skunks  
Message-ID: <199611140721.AAA01021@primenet.com>

Howdy All,

NJ and FL - two states where my Fox hunting license  
has apparently expired. Heard the FL Fox well enough,  
even when he tried to dive into the mud and hide, just  
couldn't get clean shot. At the very end, N?60Y and I  
were frantically answering the "CQ FOX" when the pileup  
had dried out. No luck. \*sigh\* Headed up to the Novice  
band to hunt the other Fox. Not a whiff. Now it seems  
that every time Laura gets a Fox, I get skunked. I'll  
assume she has an extra two hides on her wall after  
tonight. :-) As for me, I'm 0 for 4. Ouch!

Thanks to Jim (KJ5TF) and his 1 watt 49er for salvaging

an otherwise lost evening. Heard him calling "CQ 49" on 7040.4 KHz and we swapped our info. So at least I was able to prove that my RF was going \*somewhere\* tonight. :-)

How'd everyone else make out?

Cheers de KC7NEV,

-Joe, vole@primenet.com, AZ ScQRPions

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Peter Simpson/US/3Com <Peter\_Simpson@3mail.3Com.COM>  
Subject: [4398] FOX: Well done, Norm!  
Message-ID: <9611141143.AA6682@hqsmtp2.ops.3com.com>

The power line interference that has been obliterating 40 seems to have died down for a few days (kids don't understand why the car radio's been tuned to receive nothing but static :-), so I decided to go hunting foxes instead of QRN last night.

Wow! K2NF...as clear as day, except when the digital stations started their racket. The digital underbrush was pretty heavy, but that red coat and white tail were easy to spot, and with about 15 to go on the clock, I managed to bag fox number two.

I just have to say that working Norm was a pleasure. He certainly had his act together...nice tight exchanges, a real pro! Thanks, Norm!

Peter, KA1AXY

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [4430] Freq Correction  
Message-ID: <199611142153.VAA27221@chuck.dallas.sgi.com>

Gang,

I bought a whole bunch of crystals and you expect me to remember all those numbers? Not. OK, it's 7.122MHz for the Novice NorCal frequencies.

So if you put them somewhere, please show a correction.

Thanks

On the 40-9er bit. After someone calls CQ with a 40-9er please move back and forth to see if someone is calling you if you at first don't hear anyone. We'll come back with a 2x2 call to give you time. Thanks as we are guessing as to whether you are modified or unmodified. :-)

Rig is a 40-9er/U (unmodified) or 40-9er/M (modified or mobile) ;-)

Here's looking for you kid. . .

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50

EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996

From: Serge Bertruzzo <103226.3635@CompuServe.COM>

Subject: [4417] FS - Century 22 plus other gear

Message-ID: <961114165443\_103226.3635\_IHF112-1@CompuServe.COM>

I have a Ten Tec Century 22 (plus manual) which is in excellent condition for sale.

I am asking for \$285 shipping included.

Why you might ask....well I also have a Ten Tec Argosy II and a Knwd TS850 SAT.

In addition, I have the following for sale:

- Smartfilter (by Modular Systems original cost \$199) with manual \$85.
- Autek Research QF1 active audio filter \$25.
- OHR QRP 20 Meter Superhet Transceiver Kit - \$85 .

As I travel quite a bit, the best way to get in touch with me is to send me an e-mail as I check it often. I will respond to the messages in date/time order as received. Please include your telephone number so that I can call you to further discuss the item(s) of interest. My internet address is:

smbertuzzo@clearnet.com

Thanks....72

Serge - VA3SB

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Bob Hightower <ki7mn@dancris.com>  
Subject: [4403] K2NF Fox  
Message-ID: <199611141420.HAA05898@dancris.com>

Great signal here in AZ, and, apparently, just about everywhere else, judging on the pile-ups. Never did get through, but tried valiantly :^).

Some digital noise, and a few others xmitting right on top of him, though how they couldn't hear the pile-up or at least one end of the exchanges is beyond me.

Has the Fox done something to pump up qrp 40-cw, or what? Amazing.

73,

Bob KI7MN NorCal 1221 ARCI 8918 Qrp-1 271 CQC 274 ARRL (Not in any order of importance!)

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: ukii@megsinet.net (ukii)  
Subject: [4436] More Help with 49er pls...  
Message-ID: <01BBD260.6F4AFF60@randolph2er1-13.megsinet.net>

Hello. I am in a somber mood these days...seems whatever I touch goofs up...guess I better keep my hands to myself huh? HI... ANYWAY,I did the tx offset mod to the 49er and now got yet another problem... Seems like that old self-oscillation problem I was having is back,,,with a twist! When I key the rig up,it seems fine,however,when I unkey,the circuit doesnt seem to switch back fully to receive. I hear sig's EXTREMELY LOUD,but the meter shows I am transmitting as well??? I notice the reflected reading is WAY up,and the forward reading is slightly up. I used my Icom 735 AND mfj analyzer to set the tuner,so???

Also,this problem only happens when I use an Antenna,,,it wont happen going into a dummy load. I checked the patch cord cuz seemd to me that might be the problem right there...nope. Maybe I need to ground the 49er???? (where)

Please...ANY help would be great!  
(I refuse to give up until I get 1 contact on it!)  
Thanks very much!

73 de john  
N9UKX

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Dan Keen <70731.722@compuserve.com>  
Subject: [4392] Morse Code Pocket Perfec  
Message-ID: <961114081006\_70731.722\_EHM48-1@CompuServe.COM>

> Thanks to all who responded, the majority vote was for  
> the new MFJ pocket code gizzmo. It's ordered after many  
> tries to get through to MFJ...popular place...so's the  
> Code Practicizor as it's backordered...thankyouverymuch :\*)  
>  
> thanks, Bill, n6rhf  
>

According to AES, their backorder list is long for the new MFJ 418 code trainer. Its much anticipated, apparently unlike their previous models.

BTW re another product: the MFJ 116 clock/10 minute IDer: The sound level settings are two: medium and loud. IMO, even medium is too loud for an alarm clock, let alone a timer. And the docs say that permanent hearing damage can result from getting too close to the clock on the loud setting, and they're not kidding. I can't figure out their marketing strategy having a product that's either extremely loud or even louder.

Dan  
70731.722@compuserve.com

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Ron Giuntini <rong@slip.net>  
Subject: [4440] Motherboards  
Message-ID: <E0v0EUK-00035W-00@ferret>

I know I know, this is not QRP, but this is where I find the nicest folks willing to answer questions without looking down on any less informed person...I wonder if I could contact someone that knows the differences in the new Intel motherboards...I am going to buy a new system and am confused a little bit about the new Marl, Venus etc etc boards....please email me directly, as I do not want to clutter up the list with computer stuff but as I say, this is where the answers are. Help!

Ron KB6GK

NorCal #1718  
San Francisco

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: John Dorson <jdorson@bbs.mpcs.com>  
Subject: [4418] need 100 ohm - 2 watt res.  
Message-ID: <199611141658.LAA15830@bbs.mpcs.com>

Hi everyone. i have a problem and hope someone out there can help.

i am building another mini tuner with built-in swr bridge and i need 4 100 ohm 2 watt carbon resistors and would you beleive that on one in my area carries that wattage nor can i find anyone from the catalogs i have. so if you know where i can get them, please reply...

Thank You

John Dorson Real Estate Consultant in Brevard County Florida  
E-Mail To: jdorson@bbs.mpcs.com

```
-----
| Trying for WAS -      AL,AK,AZ,AR,CA,CO,CT,FL,GA,IL,IA,KS,KY,LA,ME,MD,MA|
| and worked these:    MI,MN,MT,NH,NJ,NY,NC,ND,OH,OK,OR,PA,RI,TX,VT,VA,WA|
|                      WI                                                    |
|-----
```

K2JHU only QRP... CQC #351, GQRP # 9092, QRP-L #672

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Scott Bauer <ke3nv@erols.com>  
Subject: [4441] Need e-mail address  
Message-ID: <199611150331.WAA15866@smtp2.erols.com>

Goog evening fellow QRPers

Does anyone have E-mail or www for S and S engineering. I lost them when my program crashed..... Guess I should have backed up my files :-)

Thanks, Scott  
.....  
Fists 1502, ARCI 8804, G-QRP 8773, Nor-Cal 1094, NE 348, AR-QRP 27

Scott Bauer W3CV ( formerly KE3NV, N3RQU ) QRP nut SWL

CW Operators QRP Club # 484 ( Australia )    Grid FM-19, Odenton, MD

.....

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: jdenison@aisp.net (JOEL DENISON)  
Subject: [4439] new england ssb net time  
Message-ID: <19961115023728975.AAA155@slip20.ts-f-merrill.caps.maine.edu>

> -----  
> NE-QRP (SSB)      3.855MHz            WA1JXR Monday    21:00EST  
> -----

That's the word I got for this net.  
sry Preston lost ur e-mail addrsss ... joel

God Bless  
Joel

WA5CVM  
Joel Denison  
81 High street                      33ft Vertical up 6ft & Inverted Vee up 40ft.  
Farmington, Maine 04938            QRP ARCI 4066    NEW ENGLAND QRP 467    QRP-L 765  
jdenison@aisp.net

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "Steve Hurst" <shurst@magiclink.com>  
Subject: [4429] Northwest QRP Club  
Message-ID: <199611142007.PAA94016@nss2.CC.Lehigh.EDU>

Can some give me the information on the Northwest QRP club's Digital



QRP Contest ? What? Where? How and When ?  
Thanks in advance !! :-)

Steve  
KA7NOC

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Al Moyle <moyle@essc.psu.edu>  
Subject: [4405] Ordering from Dan's Small Parts  
Message-ID: <2.2.32.19961114144754.0031fb58@pop3server.essc.psu.edu>

Does anyone remember ... when ordering stuff from Dan, do you make the check out to "Dan's Small Parts" or to Dan (Dan Stevig, I think) himself?

Thanks,  
Al N3KFL

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: rhight@primenet.com (Roger Hightower)  
Subject: [4412] Perseverance should be rewarded, :-)  
Message-ID: <199611141542.IAA20228@primenet.com>

Tried chasing the foxes last night....Norm was coming into AZ very well, but the pileup was too much for my signal. Switched to the N/T portion, and heard Brad making an exchange with someone. As I listened, Seab, AA1MY tried to complete the exchange, but then Brad faded off into QSB-land. Seab kept trying, and as I bounced back and forth between the FOX frequencies, I could hear him trying to complete the exchange.

33 minutes after I first heard Seab, he was still trying to get his info across. Now, that is real foxhunting! I never did hear if Seab was successful, but sincerely hope he was. He should get at least a point for just hanging in there.

Sure was hoping for a N/T fox myself, but at least I have now heard one.

72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "'Seab' Lyon, AA1MY" <SSLYON@postoffice.worldnet.att.net>  
Subject: [4431] Perseverance/pileups  
Message-ID: <19961114220347.AAB10618@LOCALNAME>

Yup...! got 'em... BOTH! Actually, I wasn't as dedicated as appearances would lead you to believe; -took time to eat, and waltzed back and forth between 010 & 035 myself, and was finally rewarded. Also worked some "4N"-ers, much to my relief. (I bought someone's "Work In Progress" but haven't got it going yet) I really hope we can do something about the QRP pile-ups on the same freq. (to 5 significant places, at least) Can you 40-9er tekkies make some suggestions?

\*\*\*\*\*

03:42 PM 11/14/96 +0000, you wrote:  
>Tried chasing the foxes last night....Norm was coming into AZ very well, but  
>the pileup was too much for my signal. Switched to the N/T portion, and  
>heard Brad making an exchange with someone. As I listened, Seab, AA1MY  
>tried to complete the exchange, but then Brad faded off into QSB-land. Seab  
>kept trying, and as I bounced back and forth between the FOX frequencies, I  
>could hear him trying to complete the exchange.  
>  
>33 minutes after I first heard Seab, he was still trying to get his info  
>across. Now, that is real foxhunting! I never did hear if Seab was  
>successful, but sincerely hope he was. He should get at least a point for  
>just hanging in there.  
>  
>Sure was hoping for a N/T fox myself, but at least I have now heard one.  
>  
>72/73 de Roger N7KT (ex AA7QY)  
>  
>NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383  
>  
>  
>  
>  
>  
Seabury "Seab" Lyon AA1MY  
44 Codfish Hill Road  
Bethel, CT, 06801, USA

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [4409] QRP Calling Frequencies

Message-ID: <199611141522.PAA26539@chuck.dallas.sgi.com>

Gang,

Dug this out of the archives and thought it was time to repost to the group. Any errors or omissions, please let me know and we'll correct and repost again and then ask that Jerry Parker, Steve Hideg, et. al. put them on web pages.

I have added the 10.116MHz that we all started using frequently due to commercial RTTY station(s) at 10.106MHz and the 7.035MHz that the Fox Hunt has started as a gathering place twice a week. The rest of the time we can start there or 7.040MHz if it is clear of QSOs in progress. 7.112MHz added from the large number of NorCal crystal controlled rigs and crystals sold by the Club to a large number of people. Also added the colorburst crystal frequency which the New England Club takes over in February with their exercise.

When you get on the air, first check these frequencies out to see if the band is open and if your fellow QRP buddies are trying to find someone to talk to. Of course, you should chase up and down the bands as far as you VXO or VFO will allow. Last night picked up another C08 and this a.m. called CQ on 30m when I heard noone else and got a VE3 for a good half hour QSO. Don't just listen. Transmit once in a while. Probe the ionosphere. Practice your sending. Warm up the final PA once in a while. See if it still works. :-)

If anyone knows of nets that meet on these frequencies also, let us know and what times. We don't have exclusive rights to these puppies. Maybe Preston Douglas, WJ2V, can start his group for 80m SSB on the same freq for 75m, 3.985MHz.

I'll ask Ron KU7Y to publish these again in QQ. Print these when we get the list finalized and put on the desk next to the rig(s).

Thanks,

-----cut here-----

Recommended QRP calling frequencies +/- for QRM

Band	CW	SSB
160	1.810	1.910
		1.843 (Europe)
80	3.560	3.985
	3.579 (Colorburst Crystal Frequency)	
	3.710 (Novice)	3.690 (SSB EU)
40	7.040	7.285
	7.035 (QRP-L)	
	7.030 (Europe)	7.090 (SSB EU)
	7.060 (Europe)	
	7.110 (Novice)	
	7.112 (NorCal crystals)	
30	10.106	
	10.116 (QRP-L)	
20	14.060	14.285
17	18.096	18.130
15	21.060	21.385
	21.110 (Novice)	21.285 (SSB EU)
12	24.906	24.950
10	28.060	28.885
	28.110 (Novice)	28.385 (Novice)
		28.360 (SSB EU)
6	50.060	50.885
		50.285 (SSB EU)
2	144.060	144.285
		144.585 (FM)

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50

EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996

From: "John Kirk, VE6XT" <jakirk@freenet.calgary.ab.ca>

Subject: [4437] QRP rig in your PC

Message-ID: <Pine.A32.3.93.961114180610.73118A-1000000@srv1.freenet.calgary.ab.ca>

Yes, they exist. One such outfit is:

Comer Communications Inc.

609 Washingtonia Drive

San Marcos, CA

USA 92069

The basic board set is not cheap @ 695 USD. \*REAL\* QRP too, at minus 10 dBm, but amplifier kits are available.

There is one other, possibly British product. Perhaps someone else in the group can recall the details.

73  
John

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: PDouglas12@aol.com  
Subject: [4425] SSB activityR  
Message-ID: <961114140354\_1585122902@emout18.mail.aol.com>

Gang,

I received a surprising amount of email responding to Dave Benson's and my postings about QRP SSB activity on 75m phone. (There goes my code speed!)

So I propose on the air meeting as follows to allow for time for other activities (foxhunting etc.) and to make sure the sun is well set on the far coast for a few hours:

1. We make an effort to check in to the NE-QRP net at 3855 mHz on Monday nights at 2100 EST.
2. We look for each other on other nights at 0300 UTC (10pm EST) at the US QRP calling freq at 3985.

With all the Cascades and Tiny Tims and now White Mountains coming into being, perhaps we will see a rise in activity on 75 phone. I heard a number of DX stations (England, for example was coming in S-9 +10) down in the lower end (Advanced portion) of 75 last night, so the band was wide open. Of course, the pileups were made up of the powerhouses running stations that dimmed my lights, even though they were in another state, but I bet we can scare up some QRP DX. G-QRP are you listening?

So, let's start calling and listening on 3985 daily and 3855 Mondays.

72, Preston WJ2V

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: JessQRP@aol.com  
Subject: [4387] St Louis Vertical Mods de N0TFI vs GAP Titan  
Message-ID: <961114003221\_1418975139@emout02.mail.aol.com>

Hi All,

Well I got a wild hair and decided to mod the SLV. AS some of you know, I was

in Oregon with the SLV and the OHR 400. I had used the SLV from the home backyard a while back and it seemed to work ok. As you all know, the antenna is resonant somewhere around 5 mhz and there has been some concern over the use of twin lead for the coil. I have also been talking about comparing the Gap Tiatan and the SLV. Sort of like a howitzer to a pea shooter you would think.

The mod that I made was to replace the twin lead coil with tinned 16 ga solid copper wire. I had been thinking about a way to do this and did take a look at the Norcal Web page for the mods that were made ala the "Armstrong" screwdriver mod. I had intended to work over the coil and never got around to it. I wanted to take a simpler approach to the coil as I don't have access to a lathe and cannot turn a PVC coil form. What I finally did was cut a chunk of the foam 3/4 in id pipe insulation like you would use to insulate water pipes. I split the foam insulation and then put this on the bottom of the Black Widow pole. This left a gap down the center of the insulation about 1/4 inch wide. I then taped the top and the bottom with electrical tape to the pole to hold it in place. I started at the top of the foam, about 2 1/2 feet of it long, and started wrapping the wire around the foam at about 3 turns per inch. I did not bother to measure the wire or figure the inductance, I just wanted as much coil as could neatly fit to see what the result would be. The reason for the gap in the foam was to provide a "space" for clipping on a tuning jumper that would be used to shorten and lengthen the coil for resonance. I put a minor amount of "pull" on the wire so that the wire surface was even with the top of the foam as to semi protect the exposed coil. The gap in the foam left just enough space for attaching an alligator clip. I got the coil wound, and I have to admit, not too ugly and very functional! I attached a female coax connector to the bottom of the pole by wire tying a chassis connector to the pole via the chassis holes. I then soldered the bottom of the coil wire to the center and a ground "loop" to one of the empty chassis mounting holes. A little judicious electrical tape at the top and bottom to hold the wire in place and finished! I soldered a female spade lug to the top so that the coil would attach to the original vertical wire that I had made out of speaker wire.

Seeing as how the weather was getting cold and it was dark, and there were 49ers out there to chase, I put the antenna up in the back yard. I attached a short coax lead and hooked up the RF-1 analyzer. I set the frequency on 7040 and then started adjusting the jumper wire up and down on the coil looking for SWR. I finally found a spot using about 1 foot of coil that gave me about 1.8-1 SWR at an impedance of 38 ohms. Good enough for now!

I got in the house and hooked the SLV up to one side of the antenna tuner and the gap to the other. I got on 40 meters and found a 559 signal at 7037. Hmmm just as loud when I switch to the SLV as on the Gap! I get on 7042 and call CQ on the Gap and get N2VPK in NY. I give him a 559 and get one in return. I switch to the SLV and he says that the signal is down a touch but cannot tell real well with QRM but, right in there with the Gap! I move around a bit and hook up later with AA1MY in Bethel CT. Same deal here, Seab cannot tell the difference between the Gap and the SLV. QSB took him out. I get KB2YEF in NYC and get 449 on the SLV and 549 on the Gap. Wow! This thing works!

General impresssions for 40 meters and the short time that I was on the air were great. I did not test for SWR and resonance on any other band or try it there. When I was in Oregon, the 40 meter performance of the antenna was marginal, but I did not have anything to compare to. Based on the results of what I did tonite, this antenna will now be no slouch on 40 meters. I will give further updates as I do more testing and will haul it along to the CQC QRP meeting this Saturday.

Go out and get yourself a chink of foam amd some tinned wire and have fun! To all of the antenna guru's out there, should the impedance of a base loaded vertical be near 50 ohms? And the mod that the guy did in CA where he center loaded the antenna used a 4:1 balun, I am assuming since the loading coil was in the center that this was needed? Forgive me it is late and my antenna brain is not working. Details to all that want them, this thing really plays on 40 meters now and the mod is easy! Thanks to NF0R for the seeds he planted. What a great antenna idea! By the way, one of the locals here was out to Cabelas and they are sold out of the 20 foot Black Widow and don't expect any for a while.

Best,  
Jess N0TFI

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "Steve, N2MNN" <n2mnn@openix.com>  
Subject: [4397] Traveling to Butte, MT  
Message-ID: <199611141125.GAA01337@pantera.openix.com>

It looks like I will be in Butte, MT from Monday 11/18 to Thursday 11/21. I will be bringing my Sierra/KC2. If anyone near there wants to get together one evening to do some operating please e-mail direct.

72,

Steve, N2MNN, NJ  
n2mnn@openix.com

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [4404] Vanity Calls and Lookup  
Message-ID: <199611141440.0AA26424@chuck.dallas.sgi.com>

Gang,

Going through the SS QSLs and some FOX certificates.

Anyone noted whether the lookup of the FCC database has changed, i.e. if you changed your call will the old call still be there?

For those new to the list I'm referring to the following sequence:

if you send email to

LISTSERV@LEHIGH.EDU

and in the body put

RUN QRP-L X CALLS2DIST K5FO K5FJZ

you will get back email showing the distance to the other station from the first call and the last call's address info that is now currently in the FCC Database.

Try it you'll like it. It is important that every ham keep their FCC information up to date. There was a time you were operating illegally (sp?) if you didn't have your current address on file with a form 610.

I was not shouting when I did the commands. You can put them in lower case. Used the upper case to emphasize the letter L and not the numeral 1 was being where a lower case l just might look the same.

So some of you that have changed your calls might wanna check this out to see how the FCC is treating your old call. Someone finds out it is free they may go for it.

Oh, K5FJZ was my old call way back when. You want to talk about a tough CW call, that was one. I saw many an operator stumble on that one with a bug. :-)

FYI

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50

EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996

From: SYDV00A@prodigy.com (MR FLOYD E SMITHBERG)



Subject: [4427] VS9BBG

Message-ID: <199611141846.NAA17234@mime4.prodigy.com>

I worked VS9BBG on 10/20 during ARCI test with 5W and 3 element beam headed east swapped 569/569 and figured it to probably be some special event station in Canada. Much too strong to be Hong Kong or far east long path! VPA-VSZ block is UK/N.Ireland but again...too strong sig. So, still don't know for sure. IMHO, best guess is still Canada.

73                    N  
Floyd Phoenix ScQRPion  
                     7  
                     X

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996

From: stevebar@ix.netcom.com (Stephen A. Baranowski)

Subject: [4402] WE DID IT !!! [SOLD OUT]

Message-ID: <199611141309.FAA15419@dfw-ix7.ix.netcom.com>

Thanks to all of the great folks who snapped up all (READ: ALL) of the goodies I had for sale. And additional thanks to all of you who missed out. We certainly cluttered up the list a bit, and I thank all of you for your patience.

As soon as the checks clear and the gear is all shipped, I get to order my Sierra + KC2 - - - I am REALLY looking forward to that -

This certainly is a great place to hang out - and learn - and listen -

The very best to all of you for the upcoming holidays -

72 de Steve / AA1BK

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996

From: "Frank G3YCC" <g3ycc@enterprise.net>

Subject: [4421] Web site

Message-ID: <199611141811.SAA00414@mail.enterprise.net>

Check out my web pages to find out:

What is a Coker?

What has English tea got to do with QRP?

What has a certain CT1 qrp'er been building?

Also more links and homepages. Yours not there? Then you haven't told me about it!

Got any tips, ideas, quaint antenna ideas? Let me know and gladly incorporate them.

Bye

72/3

Frank G3YCC GQRP 042

QRP Web pages: <http://homepages.enterprise.net/g3ycc/>

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996

From: "Lau, Zack, W1VT" <z1au@arrl.org>

Subject: [4420] Weird calls

Message-ID: <m0v06CL-000f66C@mgate.arrl.org>

Jonathan in JA wrote:

>might've gotten it wrong, I didn't know there were two-by-two-by-two calls  
>anyway... Anybody got the scoop on the qsl route? 73 and email me  
direct...

>KC7FYS\7J1AWL

Calls like that date back to the early 80s when I was in Hawaii. I think  
T000FB in Tahiti was one of the first to use one of these "unusual"  
calls. Just my opinion, but if the appropriate authorities for that  
country issue or authorize it--I consider it a valid callsign.--Zack W1VT.

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996

From: KC7FYS@aol.com

Subject: [4410] Who is VS96BG??

Message-ID: <961114102200\_2080840971@emout11.mail.aol.com>

Hello there,

I just worked VS96BG. Took me forever to get his call, my copy is slow and  
sometimes the fellas who are rare don't need to be quite as accomodating, hi.

Alex, he says. The the distant pileup. Is that a Maldives call? I still  
might've gotten it wrong, I didn't know there were two-by-two-by-two calls  
anyway... Anybody got the scoop on the qsl route? 73 and email me direct...

KC7FYS\7J1AWL

Jonathan in JA

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [4448] WTB TNC RTTY  
Message-ID: <199611150420.EAA27734@chuck.dallas.sgi.com>

Gang,

Want to buy a low powered 12V TNC for RTTY.  
No other modes needed.

..  
SIG  
Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50  
EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Cecil A Moore <Cecil\_A\_Moore@ccm.ch.intel.com>  
Subject: [4408] Re: 40m Folded Dipole for 80m

>From: "David Kreinberg" <kreinbd@ccgate.dl.nec.com>  
> Thought: Can I cut a small notch on the top flat top  
> side of the twinlead, thus essentially making a 80m  
> dipole antenna with an overall length of approx 132'  
> in the space of just 66' ???

Hi David, EZNEC sez the feedpoint impedance will be 18-j11500  
which means the SWR is sky high. This is a form of "linear  
loading". If it worked, don't you think a lot of hams would  
be using it after a century of experimenting with antennas?

A folded dipole is a full-wave loop squashed into a tiny  
rectangle. Open up the rectangle enough and you have a  
full-wave square loop. Close it up the other way and you  
have a shorted half-wavelength of transmission line.

Your idea will work but you need to open that tiny rectangle  
up into a near-square. It will then be resonant on 80m.  
The idea is described under "half-wave loops" in the  
ARRL Antenna Book.

73, Cecil, W6RCA, 00TC (not speaking for my employer)

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>

Subject: [4400] Re: 40m FOLDED DIPOLE FOR 80m?

Message-ID: <Pine.SOL.3.94.961114070338.25880B-100000@utkux4.utcc.utk.edu>

On Wed, 13 Nov 1996, David Kreinberg wrote:

> I currently have a 40m folded dipole made out of  
> 300 ohm twinlead. The overall dimensions are approx.  
> 33' a leg, or 66' total.  
>  
> Thought: Can I cut a small notch on the top flat top  
> side of the twinlead, thus essentially making a 80m  
> dipole antenna with an overall length of approx 132'  
> in the space of just 66' ???  
>  
> This is the same idea that Dave did on the SLV radials,  
> where he gets a 33.5' radial which only occupies a  
> physical 20' space.

The current on a dipole is varying downward from the feedpoint outward and also changing slightly in phase along the way. Folding back the elements will produce the most cancellation at the ends and least at the feedpoint area. However, the interaction will make the required length for resonance very different from expectations. Moreover, when done, the antenna will (due to cancellation from about 50% out on each leg toward the end) act like one significantly less than 1/4 wavelength long and tend to be quite ineffective, comparatively speaking. One might do better with a 3/8 wl long dipole for 80 fed with an ATU. Actually, that length turns out to be about 100-104' long (102' = G5RV length).

The SLV folded gp radials are not true 1/4 wl radials, but radials do not need to be true 1/4 wl radials to work ok (in contrast to great). But then, the SLV was not designed to be a great antenna in terms of efficiency or wonderful radiation pattern. It was designed to be about the very best one could make in its size, portability, and similar categories, and there it succeeds quite well. It does not conflict with the principle that if you can make them full size, do it. It is designed for situations where full size is impractical.

With antennas, there is no single absolute rule, but in general, the more you scrunch an antenna, the less well it will perform compared to appropriate standards of full size antennas. It will, in all likelihood perform, but not as well as a full sizer. So use the scrunched when you have to, but use the full size whenever you can--and if you cannot manage full size, scrunch as little as possible, given your unique situation.

Old Kurt N. Sturba has loaded step ladders (not wooden ones) and patio umbrellas--and made contacts. But he has never claimed that these loadables were somehow better than full size antennas. He did it for fun and to prove a point, but he has never recommended that we use less than

the best we can manage in each situation. Thought I would toss that in, because it is easy to misread old Kurt's message sometimes.

By the way, if you cannot manage a full dipole, bend the ends. Down is typical, but try a Z formation horizontally (with the ends [perhaps drooping or slanted to lower supports). You will need more wire per leg than when straight, and the pattern will tilt horizontally out the open ends of the Vs on each leg. But you will preserve the most possible of the dipole performance. I'll take a Zee'd full length dipole over loaded dipole in the same space, and if Zeeing it will let me get it higher, I'd try that over straight line but lower (where higher means at least 1/8 wavelength higher on the band of concern).

Just some ideas for the pot, lest we believe in magic, which antennas always find in short supply.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>  
Subject: [4401] RE: Backup Hard Drives  
Message-ID: <Pine.SOL.3.94.961114072631.25880G-100000@utkux4.utcc.utk.edu>

> Is speed really an issue when backing up one's hard disk?  
Can be, depending on work load.

> Most good tapes can backup a 1 gig drive in under an hour.  
> So, you start it and leave or go to bed. Of course  
> this means that your tape drive must handle the entire  
> hard disk at once. These are still kind of expensive.  
Letting the machine go on auto while sleeping is an invitation to all manner of inexplicable failures.

> If you do what I think LB is suggesting you would  
> waist an entire drive, which could crash also.  
Not necessarily, if one practices good management on drive space. The crash note is subject to longer analysis of failure modes, a significant number of which are related to mechanical wear from total uses; which a lesser used drive (but used enough so that it does not glue itself together) would be less likely to encounter, and not at the same time as the main drive.

> Tapes are  
> pretty tough and reliable.  
Not nearly so much as advertised. Seen them go down; had them go down.  
Tape heads are always a dirt problem, whether audio or digital.

> Also, a suggestion -- keep  
> two copies of your backup and use them alternately.  
> Backup to tape "A" next time to tape "B" and then back to "A".  
> That way if you have one bad tape then you won't lose the entire  
> backup. A bad spot at the tape header can mean losing the  
> entire tape.

For tapes, this should be an absolute rule--even to A, B, and C.

Cost factor: 1 tape drive vs. 1 (extra GB) HD: not very significant.  
That is why this makes an interesting controversy that may reveal more  
about individual operating habits with computers and some ultimate  
judgment about which way is best.

Thanks for the response.

-73-

LB

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [4424] Re: CW Operating Speed  
Message-ID: <Pine.SUN.3.90.961114105830.8512A-100000@vortex.sage.dri.edu>

On 14 Nov 1996, Marshall Emm wrote:

> Funny how nobody cares how fast you can talk on SSB [g].

That's because even those who are too lazy to do cw can  
manage to copy fast SSB! :-)

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: aa8vn <aa8vn@tir.com>  
Subject: [4438] Re: CW Operating Speed  
Message-ID: <328BD628.5CA6@tir.com>

Marshall said if you  
> can work at 2/3 of the other guy's speed or better.  
> [work em]

As a DX chaser, I say work anybody you hear.. no matter how fast the operator is sending code, so long as you can make out his call! You will be suprised how easy it is to pick out your call when he comes back to you.. even at 50 wpm. Grin 72, Frank W8XI

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: [4435] Re: CW survey  
Message-ID: <199611150117.BAA27461@chuck.dallas.sgi.com>

Mike,

The CW survey is in a very large file on a disk at work.  
I'll post it sometime next week. It just took longer to get it correlated. Sorry for the delay(s).

Thanks for asking though. I haven't forgotten. There wasn't a rush as only 180 people bothered to fill it out anyway. :-)

The NORTEX group has to pick the two winners for the paddle and the NorCal 8044ABM board and chip keyer partial kit.

dit dit

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50  
EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Ken Lopez <kjllopez@earthlink.net>  
Subject: [4389] Re: FOX  
Message-ID: <328AC0BB.DF4@earthlink.net>

Norm, you came back to me, but at that instant the phone rang, and so did the doorbell! So much for my first try at the fox. You built up to a 559 here in the foothills of LA for about 20 minutes or more, then got very weak. But at least I heard you on my low V and QRP++. It was fun anyway.

73, Ken N6TZV

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: nskouzen@scientechn.com (Niel Skousen)  
Subject: [4415] Re: FOXing  
Message-ID: <v02140b00aeb0eefabdf5@[198.60.91.132]>

Chuck, Ron, Stan, ... and all who have taken the time to come chase N/T Foxii at 15 min/exchange... :-)

I suspect that I speak for all the N/T Foxii, We \*\*\*REALLY\*\*\* appreciate the efforts that you are all making to listen for us, find us, put up w/ our code, et ad nauseum... A couple of weeks ago Stan (N6XU) waited until 2 min from the end of the period to hop in (he'd already tagged me the week before..) and call for my last contact. That night I'd gotten only two others and it really closed the nite nicely. Others too have passed up an 'easy' fox @ 7035 to wait out two hrs and make a second call to ensure that we were able to get all the info and count the contact.

You guys are GREAT, and speaking for myself, I really appreciate it. I'm achieving a goal that is 20+ yrs (since I got my ticket) old !!

THANKS AGAIN

Niel

>Ron,  
>  
>Yes, the N/T+ foxii get points all the time for everyone.  
>You only get the five points one time.  
>  
>Thanks for going after them.  
>  
>dit dit es congrats

>>Copying the group cuz I wanna know sumpting....  
>>  
>>I have already worked "my" N/T FOX for my 5 points.  
>>Tonight I worked another one. I get no points but



>>he gets points for working me, right?  
>>  
>>If they don't get anything for working me, then I  
>>won't waste their time!  
>>  
>>

-----  
Niel Skousen; S.Eng, SCIENTECH.SPG                   nskousen@scientech.com  
208.525.3742, FAX 529.4721 Idaho Falls ID           WA7SSA QRP-L.119  
-----DN33wm- . . . -----

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Dan Keen <70731.722@CompuServe.COM>  
Subject: [4444] Re: Morse Code Pocket Pe  
Message-ID: <961115034436\_70731.722\_EHM102-1@CompuServe.COM>

> It might be for all of us that can't hear most of the little  
> pip-sweak electronic alarms, watchs and other gadgets!  
> Monte Stark <ku7y@sage.dri.edu>

Then probably not too handy for you would be the Radio Shack brand TV remote control box locator. Yer supposed to tape the tiny xmtr to back of set and tiny rcvr to back of the clicker. Trouble is almost nobody can hear it from very far away.

OTOH, the MFJ 116 10 minute IDer sounds off in a sort of sweeping frequency that is literaly louder then our smoke alarm. I guess the idea is that it is designed to call the cops ;)

Dan K6DZ

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: [4407] Re: Morse Code Pocket Perfec  
Message-ID: <Pine.SUN.3.90.961114070925.7677G-1000000@vortex.sage.dri.edu>

On 14 Nov 1996, Dan Keen wrote:

> I can't figure out their marketing strategy having a product

> that's either extremely loud or even louder.  
>

It might be for all of us that can't hear most of the little  
pip-sweak electronic alarms, watches and other gadgets!

What I want to know is why they don't put freq adjustments on  
these devices? Then, those of us who have lost hearing in this  
range or that, could adjust it so that we can hear it.

I can't hear my watch, fire alarms, most alarm clocks etc. Loud  
doesn't matter. It's the freq that counts for me.

And I also agree that a volumn control of some kind should be  
so basic that it's just there!

There, now I feel better.... :-)

cul,

73, Ron,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Serge Bertruzzo <103226.3635@CompuServe.COM>  
Subject: [4447] Re OHR 20 Meter Transceiver Kit - SOLD  
Message-ID: <961115035908\_103226.3635\_IHF39-1@CompuServe.COM>

The transceiver kit has been sold...thanks...72

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Ken Lopez <kjlopez@earthlink.net>  
Subject: [4391] Re: radiokit for 20mtr  
Message-ID: <328AD010.20EA@earthlink.net>

Greetings Gents,

I have an unbuilt QRP 20 Travel Radio from Radio Kit. I am so far  
behind in my kitbuilding, I wonder if it is worth the effort? It is  
the three board version. I might be willing to sell it, completewith

cabinet and extensive docs and letters to other users. Anyone have an opinion?

73, Ken N6TZV

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "L. B. Cebik" <cebik@utkux.utcc.utm.edu>  
Subject: [4399] Re: Short helical vertical  
Message-ID: <Pine.SOL.3.94.961114065704.25880A-100000@utkux4.utcc.utm.edu>

On 13 Nov 1996, Mel Evans wrote:

> In answer to another query, you can use PVC tube as a former, and quite light  
> wire for the element as long as you don't try to fire it up with big boots on!  
> Then you'll find out for sure how your signal gets out, in a kind of a reddish  
> glow, eh!

If a material is bad for high power, it is also bad for low power, since even without the glow, it is transformer the same percentage of RF energy into heat.

>  
> If you're not sure about the PVC tube, cut a small piece to fit your microwave  
> oven, and cook it for about a minute. (Make sure you have a cup of water in  
> there as well to prevent damage to the microwave). If it gets hotter than you  
> can hold, the PVC that is, it's probably too lossy at RF to consider as a base  
> or former for an antenna or loading coil.

As has been noted before, Microwave performance of plastics is not a sure indicator of HF performance. We need a good HF test method--or a lab report of the performance of various types, thicknesses, and manufacturing differences among the PVCs (i.e., Sch. 40, thinner versions of the same, CPVC, etc.) at the frequencies we are likely to use. Remember that bakelite was fine in the low kHz range in early amateur radio, but not for HF.

-73-

LB, W4RNL

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>  
Subject: [4396] Re: Synthesizer  
Message-ID: <328aea2c.pandora@pandora.lugs.org.sg>

On Wed, 13 Nov 96 13:18:27 EST, "Clark Fishman FSAC" <cfishman@PICA.ARMY.MIL> wrote:

> What freq range do you want to start at??????

>

> I like 5- 5.5MHz....what's your pleasure?????

>

> Clark

Hi Clark,

I've spent some time going over the application notes and the data sheet for the MC145170 PLL IC.

Here are some thoughts.

1. Assuming that we're going to aim for 100Hz steps, which I consider to be the maximum acceptable step, your  $f_R=100$ . This will result in this reference frequency being in band. They will appear as noise. Generally speaking, we should try to aim for slightly greater  $f_R$  but in this case this is not possible. We cannot filter out this reference sidebands but a second one-to-one PLL might clean it up.
2. Alternatively, we could set the range really high and then divide down. I am not sure how well this will work though.
3. For a step size of 100Hz you can get up to about 6MHz VCO output since  $F_{out} = N * f_R$  where  $f_R=100$  and  $N$  has a maximum value of 65535. For 5MHz, your minimum step size is about 70Hz.
4. I have not figured out the impact of a small step size on settling time but I know that this is a trade-off with step size.

So, as you can see, step size and settling time is a major consideration here. I suppose the simplest setup is to just go at it and clean up the output with a second simple 1:1 PLL. I don't know how well this will work though. If you look at the various examples in the data book, you will find that most of them have step sizes 100kHz and upwards. What do you think?

73 de 9V1ZV Daniel

--

```
*-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg          |
| 9V1ZV      | danwee@singnet.com.sg                |
| QRP-L #667 | daniel.wee@f516.n600.z6.fidonet.org |
+-----+-----+
```

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "Dana H. Myers" <myers@bigboy.West.Sun.COM>  
Subject: [4422] Re: Synthesizer  
Message-ID: <Roam.3.0.1.847995945.9256.myers@bigboy>

> On Wed, 13 Nov 96 13:18:27 EST, "Clark Fishman FSAC"  
> <cfishman@PICA.ARMY.MIL> wrote: > What freq range do you want to start  
> at?????? >  
> > I like 5- 5.5MHz....what's your pleasure?????  
> >  
> > Clark  
>  
> Hi Clark,  
>  
> I've spent some time going over the application notes and the data sheet  
> for the MC145170 PLL IC.  
>  
> Here are some thoughts.  
>  
> 1. Assuming that we're going to aim for 100Hz steps, which I consider to be  
> the maximum acceptable step, your  $f_R=100$ . This will result in this  
> reference frequency being in band. They will appear as noise. Generally  
> speaking, we should try to aim for slightly greater  $f_R$  but in this case  
> this is not possible. We cannot filter out this reference sidebands but  
> a second one-to-one PLL might clean it up.

This is the simplest way to build a PLL, but it is also not very  
good for this particular application. Note that the  $f_R$  feedthrough  
is not actually "noise" - it appears as discrete sidebands at  $f_R$   
intervals.

> 2. Alternatively, we could set the range really high and then divide down.  
> I am not sure how well this will work though.

This might not be so bad in this case. Using a 12.8KHz reference and  
running the loop at 65MHz would allow you to divide the PLL output  
down to 5MHz ( $\times 128$ ). The residual  $f_R$  sidebands would still be  
at 12.8KHz intervals, but the divider would reduce them in amplitude.  
Also, the loop filter could do a much better job of eliminating  
the  $f_R$  feedthrough.

> 3. For a step size of 100Hz you can get up to about 6MHz VCO output since  
>  $F_{out} = N \times f_R$  where  $f_R=100$  and  $N$  has a maximum value of 65535. For 5MHz,  
> your minimum step size is about 70Hz.  
>  
> 4. I have not figured out the impact of a small step size on settling time  
> but I know that this is a trade-off with step size.

There's three elements in this trade off: fR (step size), fR suppression of the loop filter, and settling time. You can get better fR suppression at the expense of longer settling time as well as getting better fR suppression at the expense of a larger fR, and so on.

> So, as you can see, step size and settling time is a major consideration  
> here. I suppose the simplest setup is to just go at it and clean up the  
> output with a second simple 1:1 PLL. I don't know how well this will work  
> though. If you look at the various examples in the data book, you will find  
> that most of them have step sizes 100kHz and upwards. What do you think?

A clean-up PLL will have to have a very narrow bandwidth to combat the low fR content; which means it may not help much or introduce an longer lock time than you desire.

Have you looked at multiple loop designs? These tend to be the answer to the kind of problems you're looking at.

Dana K6JQ  
Dana@Source.Net

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: n9zz@juno.com (Robert A. Schill)  
Subject: [4395] Re: TT 540 For QRP  
Message-ID: <19961114.041808.5415.1.N9ZZ@juno.com>

On Wed, 13 Nov 1996 15:07:13 -0800 "A.Keith Williams"  
<ki4ja@bellsouth.net> writes:

>Hello all,  
>  
>I was asked by a QRO operator where  
>the QRP listening frequencies were  
>and how he could he could get his Ten Tec 540  
>to operate QRP. I am not at all familiar  
>with that radio and I told  
>him that other than turning down the  
>RF power gain, that was all I could  
>suggest. I did tell him that I have  
>a place I can go to see if there is  
>any information on how to do it.  
>  
>OK....Does anyone know how it can be done  
>or is there anything in the QRP-L  
>archives about that modification. He

>sure was excited about operating QRP.

>

>He thanks you and I thank you.

>

>73...Keith/ki4ja

>

>

>

Hi Keith,

I run the Ten Tec Triton 4 ( 540) and it makes a great QRP rig. All that is necessary is to turn the drive down. I can get mine down to less than one watt with no ill effects. I have been doing it for years. It allowed me to work all bands before WARC with qrp.

Good luck.

72/73

Bob Schill N9ZZ

Mountain Home, Arkansas

ARCI QRP # 4744, MI QRP #266, AR QRP #1, QRP-L #705, ARS #189

E-Mail address : N9ZZ@juno.com

Packet address: N9ZZ @ N0KFQ.#SWMO.MO.USA

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996

From: adams@chuck.dallas.sgi.com (chuck adams)

Subject: [4411] RE: Vanity Calls and Lookup

Message-ID: <199611141532.PAA26587@chuck.dallas.sgi.com>

Gang,

Mark Adams (no relation that I know of) asked the great question: "will the computer handle multiple requests?".

Yes it will, one per line. I wouldn't overload it though. It takes longer and you will get back one message per line. The system has to go out to the FCC database for each one.

Hope this helps. I usually limit my multiple requests to 20 per. I did a large number one time and learned my lesson. :- ) ;-) Don't know if Jim saw that but I'm sure I won't do that again.

Thanks Mark.

SIG

Chuck Adams (K5FO CP-60) WAS 40m/30m/20m=49/49/50

EMPS QS0s=109 STATES(w/c)=34/2 DX=0

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: rhight@primenet.com (Roger Hightower)  
Subject: [4416] Re: Vanity Calls and Lookup  
Message-ID: <199611141604.JAA26262@primenet.com>

At 02:40 PM 11/14/96 GMT, chuck adams wrote:  
>

>So some of you that have changed your calls might wanna check  
>this out to see how the FCC is treating your old call. Someone  
>finds out it is free they may go for it.  
>

Until your old call has been inactive for two years, it cannot be reissued.

For info, I checked the UALR, kQRZ and Buckmaster pages for my old call.  
All three came up with answers, but Buckmaster still had AA7QY as my primary  
call, and no record of the new call. UALR and QRZ put up response pages  
with the current call, and the old call shown as a former call.

Doesn't say much for Buckmaster. I am looking for a good CD-ROM callsign  
program, but don't think I'll waste the \$\$ on Buckmaster.  
72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: gage@freedom.cs.trw.com (Phil Gage)  
Subject: [4426] Re: Want Info-TenTec Regen Rcvr Kit  
Message-ID: <9611141915.AA03471@freedom.cs.TRW.COM>

>I am elmering a 12 year old, and he would like to build a kit. I am  
>thinking of the Ten-Tec regenerative receiver. He has no experience with  
>kits of any kind, however he has built a code oscillator from plans. Is  
>it appropriate for a beginner?

I built their 9-band rcvr, a little tough for a first kit but he could  
do it with your assistance. A simpler one-evening kit might be more  
appropriate before he tackles this one, it will take several evenings  
and some patience to complete.

The 9-band rcvr instructions are good, detailed step-by-step, even listing  
resistor color bands, etc. Kit quality was good, nice silk-screened PCB,  
no missing parts. The unit is fairly sensitive even with a short random



wire antenna, good for AM and CW but SSB is tricky.

Phil Gage  
gage@freedom.cs.trw.com

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: rhight@primenet.com (Roger Hightower)  
Subject: [4423] Re: Weird calls  
Message-ID: <199611141856.LAA18724@primenet.com>

At 01:03 PM 11/14/96 -0500, Lau, Zack, W1VT wrote:

>  
>Calls like that date back to the early 80s when I was in Hawaii. I think  
>T000FB in Tahiti was one of the first to use one of these "unusual"  
>calls. Just my opinion, but if the appropriate authorities for that  
>country issue or authorize it--I consider it a valid callsign.--Zack W1VT.

>  
>  
For on the Vx96xx calls, see page 20 of the December 1996 WorldRadio.  
72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-1@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: Kevin Muenzler <muenzlerk@uthscsa.edu>  
Subject: [4413] RE: Who is VS96BG??  
Message-ID: <01BBD210.8D1E3F20@muenzlerk.uthscsa.edu>

On Thursday, November 14, 1996 9:22 AM, KC7FYS@aol.com wrote:

>Hello there,  
>I just worked VS96BG. Took me forever to get his call, my copy is slow and  
>sometimes the fellas who are rare don't need to be quite as accomodating, hi.  
> Alex, he says. The the distant pileup. Is that a Maldives call? I still  
>might've gotten it wrong, I didn't know there were two-by-two-by-two calls  
>anyway... Anybody got the scoop on the qsl route? 73 and email me direct...  
>KC7FYS\7J1AWL  
>Jonathan in JA  
>  
>

Well, this isn't a valid call format so you might not

have copied it correctly. However, VS9 is Kuria Muria, Island and Kamaran, Island there is no V96 as of yet. Could he have been VS9BBG? There is also a S96 which is Sao-Tome and Principe Islands off the west coast of Africa. Hope you find it out, both are pretty rare!

Kevin, WB5RUE

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: rhight@primenet.com (Roger Hightower)  
Subject: [4414] Re: Who is VS96BG??  
Message-ID: <199611141548.IAA21857@primenet.com>

At 10:22 AM 11/14/96 -0500, KC7FYS@aol.com wrote:

>Hello there,  
>I just worked VS96BG. Took me forever to get his call, my copy is slow and  
>sometimes the fellas who are rare don't need to be quite as accomodating, hi.  
> Alex, he says. The the distant pileup. Is that a Maldives call? I still  
>might've gotten it wrong, I didn't know there were two-by-two-by-two calls  
>anyway... Anybody got the scoop on the qsl route? 73 and email me direct...  
>KC7FYS\7J1AWL  
>Jonathan in JA  
>  
>

You worked Hong Kong using one of the special prefixes to commemorate the turnover of the territory from the UK to the People's Republic of China.

I think the other stations real call is VS6BG, Brett Graham. Don't have a current international callbook, but you should be able to find it.

Posted this to the group in case some of us get lucky.  
72/73 de Roger N7KT (ex AA7QY)

NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383

From owner-qrp-l@Lehigh.EDU Thu Nov 14 23:11:45 1996  
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>  
Subject: [4443] RE: Who is VS96BG??  
Message-ID: <328be501.pandora@pandora.lugs.org.sg>

On Thu, 14 Nov 1996 09:45:19 -0600, "Kevin Muenzler" <muenzlerk@uthscsa.edu> wrote:

> On Thursday, November 14, 1996 9:22 AM, KC7FYS@aol.com wrote:

> >Hello there,

> >I just worked VS96BG. Took me forever to get his call, my copy is slow and

> >sometimes the fellas who are rare don't need to be quite as accomodating, hi.

> > Alex, he says. The the distant pileup. Is that a Maldives call? I still

> >might've gotten it wrong, I didn't know there were two-by-two-by-two calls

> >anyway... Anybody got the scoop on the qsl route? 73 and email me direct...

> >KC7FYS\7J1AWL

> >Jonathan in JA

> >

> >

>

> Well, this isn't a valid call format so you might not

> have copied it correctly. However, VS9 is Kuria Muria,

> Island and Kamaran, Island there is no V96 as of yet.

> Could he have been VS9BBG? There is also a S96 which

> is Sao-Tome and Principe Islands off the west coast

> of Africa. Hope you find it out, both are pretty rare!

>

> Kevin, WB5RUE

Well, I believe VS96 is currently used by Hong Kong for some reason. I've worked VS96UW who said he was in Hong Kong. Hope this helps.

73 de 9V1ZV Daniel

--

```
*-----+-----+
| Daniel Wee | daniel@pandora.lugs.org.sg      |
| 9V1ZV      | danwee@singnet.com.sg                    |
| QRP-L #667 | daniel.wee@f516.n600.z6.fidonet.org |
+-----+-----+
```